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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: )  
)  
Katsumi KAKUTA, et al. )  
)  
Title: ANGLE DETERMINING APPARATUS )  
AND ANGLE DETERMINING SYSTEM )  
)  
Serial No.: National Stage Entry of )  
Int'l Appln. No: PCT/JP2003/03457 )  
Int'l Filing Date: March 20, 2003 )  
)  
Filed On: Simultaneously herewith ) (Our Docket No: 6305-0008WOUS)

Hartford, Connecticut - September 22, 2004

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

Enclosed is Form PTO/SB/08A listing documents believed relevant to the  
above-referenced patent application. It is respectfully requested that the Examiner  
consider these documents and an initialed copy of the form be returned to the  
undersigned.

Applicants submit the identified patents, publications or other information of  
which they are aware, and which they believe may be material to the examination of  
this application. The filing of this Information Disclosure Statement shall not be

construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

Copies of the cited foreign references are enclosed.

<u>U.S. Patent No.</u>	<u>Entitled</u>	<u>Dated</u>
5,942,895	MAGNETIC FIELD SENSOR AND CURRENT AND/OR ENERGY SENSOR	08-24-1999
6,184,679 B1	MAGNETIC FIELD SENSOR COMPRISING TWO HALL ELEMENTS	02-06-2001
6,545,462 B2	SENSOR FOR THE DETECTION OF THE DIRECTION OF A MAGNETIC FIELD HAVING MAGNETIC FLUX CONCENTRATIONS AND HALL ELEMENTS	04-08-2003
6,731,108 B2	DEVICE WITH A MAGNETIC POSITION ENCODER	05-04-2004


<u>Foreign Patent No</u>	<u>Country</u>	<u>Dated</u>
EP 0 871 011 A2	Europe	10-14-1998
JP-2002054902	Japan	02-20-2002
JP-200329513	Japan	11-30-2000
JP 7190800	Japan	07-28-1995

It is respectfully requested the Examiner indicate consideration of the cited references by returning a copy of the attached forms PTO/SB/08A&B with initials or other appropriate marks.

If any fees are due, Account No. 13-0235 maintained by Applicant's attorney  
may be charged.

Respectfully submitted,

By

  
John C. Linderman  
Attorney for Applicants  
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Attachment SB/08A&B and 4 prior foreign art references



PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	
		Filing Date	
		First Named Inventor	
		Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	6305-0008WOUS	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Alberto Bilotti, Gerardo Monreal, and Ravi Vig, "MONOLITHIC MAGNETIC HALL SENSOR USING DYNAMIC QUADRATURE OFFSET CANCELLATION", published by Allegro MicroSystems, Inc., Technical Paper STP 97-10.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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